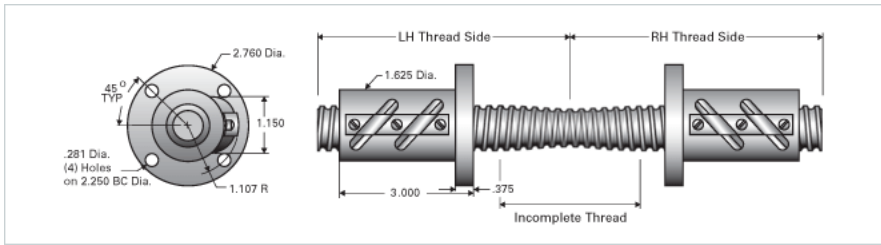


## PowerTrac 1000 - 0250 SRT TA, with SBN Ball Nuts, Double

Call 800-321-7800 or visit us online at [www.nookindustries.com](http://www.nookindustries.com) to configure and order your PowerTrac 1000 - 0250 SRT TA, with SBN Ball Nuts, Double



### Inch Twin-Lead Ball Screw

#### Product Info

|                  |                  |
|------------------|------------------|
| Screw Code       | 1000-0250 SRT TA |
| Precision        | SRT              |
| Screw Material   | 4150             |
| Thread Direction | RH/LH            |

#### Details

|   |       |
|---|-------|
| Ball Circle Diameter [in]   | 1.000 |
| Lead [in]   | 0.250 |
| Root Diameter [in]  | 0.820 |
| Incomplete Overlapping Thread Length [in]                               | 2.50  |
| Maximum Overall Length [in]   | 96    |
| Maximum Useable LH & RH Thread [in]                                     | 45.25 |
| End Code for Types 1,2,3,5 [* Journals may show tracings of the thread] | 20    |
| End Code for Type 4 [* Journals may show tracings of the thread]        | 12    |

#### Weight

|                        |      |
|------------------------|------|
| Screw Weight [lb./ft.] | 2.20 |
|------------------------|------|

#### Performance Specifications

|                             |       |
|-----------------------------|-------|
| Lead Accuracy +/- [in./ft.] | 0.004 |
|-----------------------------|-------|

### Inch Ball Nut, for SRT, Standard Accuracy, No Preload, SBN, Standard

#### Product Info

|                  |         |
|------------------|---------|
| Ball Nut Number  | SBN8284 |
| Thread Direction | LH      |

#### Details

|                            |       |
|----------------------------|-------|
| Ball Circle Diameter [in]  | 1.000 |
| Lead [in]                  | 0.250 |
| Nominal Ball Diameter [in] | 0.156 |
| Root diameter [in]         | 0.820 |

#### Dimensions

|        |  |
|--------|--|
| A [in] |  |
|--------|--|

#### Forces and Torques

|                               |       |
|-------------------------------|-------|
| Torque to Raise 1 lb. [in-lb] | 0.044 |
|-------------------------------|-------|

#### Flange Part Numbers

|                    |          |
|--------------------|----------|
| Flange Part Number | INTEGRAL |
|--------------------|----------|

#### Wiper Part Numbers

|                            |         |
|----------------------------|---------|
| Wiper Kit Part Number      | WKB2651 |
| Wiper Kit Felt Part Number |         |

#### Weight

|                 |      |
|-----------------|------|
| Nut Weight [lb] | 1.50 |
|-----------------|------|

#### Performance Specifications

|   |       |
|---|-------|
| Lead Accuracy +/- [in./ft.]             | 0.004 |
| Maximum Adjustable Preload [lb]         |       |
| Spring Rate x 10 <sup>6</sup> [lb./in.] |       |
| Dynamic Load [lb]                       | 3224  |
| Static Load [lb]                        | 27826 |

### Inch Ball Nut, for SRT, Standard Accuracy, No Preload, SBN, Standard

#### Product Info

|                  |         |
|------------------|---------|
| Ball Nut Number  | SBN8278 |
| Thread Direction | RH      |

#### Details

|                            |       |
|----------------------------|-------|
| Ball Circle Diameter [in]  | 1.000 |
| Lead [in]                  | 0.250 |
| Nominal Ball Diameter [in] | 0.156 |
| Root diameter [in]         | 0.820 |

#### Dimensions

|        |  |
|--------|--|
| A [in] |  |
|--------|--|

#### Forces and Torques

|                               |       |
|-------------------------------|-------|
| Torque to Raise 1 lb. [in-lb] | 0.044 |
|-------------------------------|-------|

#### Flange Part Numbers

|                    |          |
|--------------------|----------|
| Flange Part Number | INTEGRAL |
|--------------------|----------|

**Wiper Part Numbers**

|                            |         |
|----------------------------|---------|
| Wiper Kit Part Number      | WKB2651 |
| Wiper Kit Felt Part Number |         |

**Weight**

|                 |      |
|-----------------|------|
| Nut Weight [lb] | 1.50 |
|-----------------|------|

**Performance Specifications**

|   |       |
|---|-------|
| Lead Accuracy +/- [in./ft.]             | 0.004 |
| Maximum Adjustable Preload [lb]         |       |
| Spring Rate x 10 <sup>6</sup> [lb./in.] |       |
| Dynamic Load [lb]                       | 3224  |
| Static Load [lb]                        | 27826 |